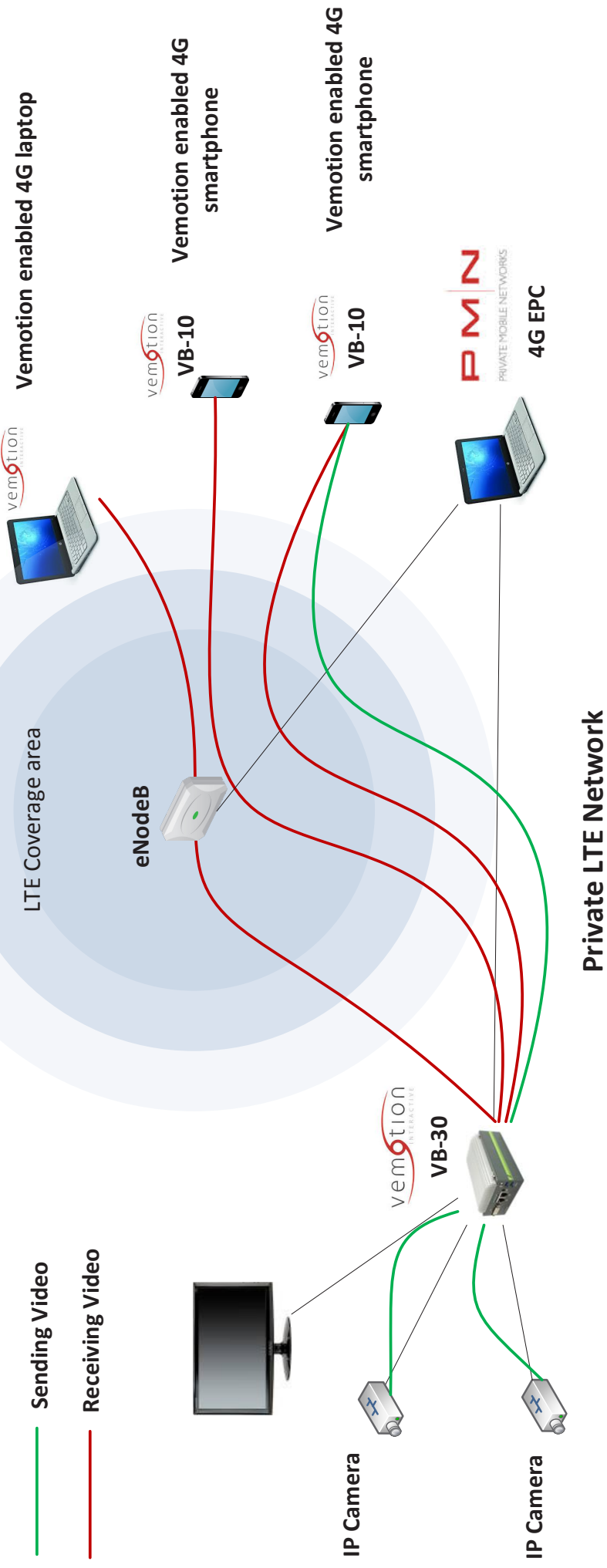


# PMN/Vemotion – Video Streaming over LTE



**Vemotion** enabled Android smartphone can via a Vemotion server connect to multiple cameras, (including Body worn) dictate the current stream bandwidth/quality and control the PTZ of the camera.

**Private Mobile Networks** provide a standalone island 4G LTE network which will function with or without a connection to the outside world.

4G LTE with DATA rates of up to 150Mbps Down and 51Mbps Up is perfect for streaming video from multiple inputs to multiple end devices.

The Vemotion smartphone can also act as a source for other users to view.

## Private Mobile Networks/Vemotion

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### Private Mobile Networks

TeleWare House

York Road

Thirsk

Y07 3BX

T: +44 (0) 1845 521052

[info@privatemobilenetworks.com](mailto:info@privatemobilenetworks.com)

[www.privatemobilenetworks.com](http://www.privatemobilenetworks.com)

### Vemotion

TeleWare House

York Road

Thirsk

Y07 3BX

T: +44 (0) 8444 906 906

[info@vemotion.com](mailto:info@vemotion.com)

[www.vemotion.com](http://www.vemotion.com)

### Private Mobile Networks (PMN)

PMN has successfully deployed private 2G GSM, 3G UMTS and 4G LTE networks worldwide providing compact, rapidly deployable cellular communications. Solutions have been deployed for tactical, public safety and emergency response, homeland security, defence applications and training systems.

As a transport layer the PMN 4G LTE/3G UMTS and 2G GSM core software and RAN allows Vemotion to have complete control of any video streaming and captured image content within the PMN cloud. For example with 4G LTE PMN can create Downlink speeds of up to 150MB and Uplink speeds of up to 50 MB. Add satellite backhaul and you can then connect to the rest of the world all with a set up time of between five and ten minutes. The PMN software also allows Voice/SMS and DATA services in the coverage area and routes out via a SIP interconnect to any IP PBX (i.e. Asterisk).

### Vemotion

Vemotion is a company specialising in delivery of quality Live Video wirelessly, often over low bandwidth and unreliable networks, such as mobile networks and satellite, easing deployment, redeployment and management issues. The Company's compression, recording and transmission technologies, proven reliable in many challenging environments for both overt and covert surveillance, is designed for 'plug & Play' and is capable of supporting existing cameras and infrastructure, including mobile phones, interconnection with existing Video Management Systems, recording platforms and local networks.